

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	)	
Ning LI et al.	)	Group Art Unit: To Be Assigned
	)	
Application Number: To Be Assigned	)	Examiner: To Be Assigned
	)	
Filed: May 16, 2001	)	
	)	
For: DNA MARKERS FOR PIG LITTER SIZE	)	

11040 U.S. PTO  
09/855682  
05/16/01

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, and in compliance with the duty of disclosure set forth in 37 C.F.R. § 1.56, applicants are submitting the attached Form PTO-1449 (modified) for consideration and to be made of record herein by the U.S. Patent and Trademark Office in the above-captioned application.

The subject application is a Divisional Application of U.S. Application No. 09/329,796, filed June 10, 1999. In accordance with 37 C.F.R. § 1.98(d), patent documents and published articles which were cited in the prior application are listed on the accompanying Form PTO-1449, but copies of these documents are not enclosed as they were provided in the prior application.

Consideration of the foregoing plus the prompt return of a copy of the enclosed Form PTO-1449 with the Examiner's initials in the left column in accordance with MPEP 609 are respectfully requested.

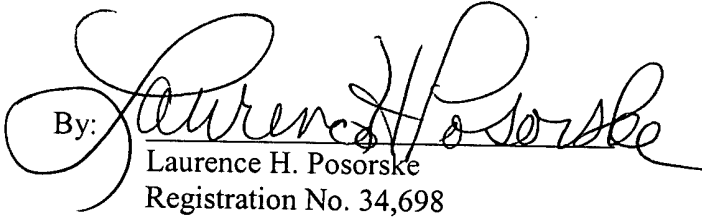
In accordance with 37 C.F.R. § 1.97(b), this Information Disclosure Statement is believed to be submitted prior to issuance of a first Office Action and within three months of the filing date of the application. Therefore, it is respectfully submitted that no fee is required for

consideration of this information. However, in the event any fee is deemed necessary, the Commissioner is authorized to charge the undersigned's Deposit Account No. 50-1640.

Respectfully submitted,

BROBECK, PHLEGER & HARRISON LLP

Dated: May 16, 2001

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FORM PTO-1449  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

APPLICATION NO.

031855.0007

To Be Assigned

## LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Ning LI et al.

FILING DATE

May 14, 2001

GROUP

To Be Assigned

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
1.	4 9 4 6 7 7 8	08/07/90	Ladner et al.			

## FOREIGN PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
2.	0 3 2 0 3 0 8	12/12/88	Europe			YES NO
3.	92 0 1 8 6 5 1	10/29/92	PCT			
4.	96 0 4 1 8 9 2	12/27/96	PCT			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

5.	Wang Yaochun, et al., "Effects of Different Dietary Anions and Cations on Blood Acid-Base Balance and Incidence of Tibial Dyschondroplasia of 21 Day-Old Broiler Chicks," (w/English Abstract), <i>Acta Veterinaria et Zootechnica Sinica</i> , Vol. 30. pp. 211-216 (1999).
6.	Jiao Shuxian, et al., "Serum Profiles of Five Reproductive Hormones During First Estrous Cycle in Fengjing and Landrace Gilts," (w/English Abstract), <i>Acta Veterinaria et Zootechnica Sinica</i> , Vol. 23. pp. 202-206 (1992).
7.	Danuta Kozbor, et al., "The Production of Monoclonal Antibodies from Human Lymphocytes," <i>Immunology Today</i> , Vol. 4, No. 3, pp. 72-79, (1983).
8.	Max Rothschild, et al., "The Estrogen Receptor Locus is Associated with a Major Gene Influencing Litter Size in Pigs," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 93, pp. 201-205, (1996).
9.	William D. Huse, et al., "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda," <i>Science</i> , Vol. 246, pp. 1275-1281, (1989).
10.	T. Wise, et al., "Differential Pituitary and Gonadal Function of Chinese Meishan and European White Composite Boars: Effects of Gonadotropin-Releasing Hormone Stimulation, Castration, and Steroidal Feedback," <i>Biology of Reproduction</i> , Vol. 54, pp. 146-153 (1996).
11.	T. Hirai, et al., "The Gene for the $\beta$ Subunit of Porcine FSH: Absence of Consensus Oestrogen-Responsive Element and Presence of Retroposons," <i>Journal of Molecular Endocrinology</i> , Vol. 5, pp. 147-158, (1990).

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.